ALL WEATHER ROOFING



PRODUCT GUIDE







HTSA 90 **Base/Interply**



SYNTHETIC NAIL BASE







SA BASE Base/Interply



SA CAP Granulated Cap Sheet



HOT MOP



SBS #85 **Granulated Cap Sheet**



SBS 190M Granulated Cap Sheet



TORCH

APP 190 Smooth Base/Interply/Cap Sheet



APP #85 Granulated Cap Sheet



APP 190M Granulated Cap Sheet



ALL WEATHER HTSA 90

Product Data Sheet



All Weather HTSA 90 is a Self-Adhered High Temperature Underlayment and is designed and manufactured to be a secondary water barrier in sloped roof system construction where toughness and longer exposures may be required. All Weather HTSA 90 is an air, water and vapor barrier and must be installed only above properly ventilated spaces.



All Weather HTSA 90 replaces the use of #15 or #30 organic roofing felt and is designed for residential use under primary roofing materials such as; asphalt or synthetic shingles, metal, tile, slate, cement, and primed cedar shakes.

All Weather HTSA 90 should be stored at temperatures between 50 and 90 degrees, upright indoors, in a dry and ventilated area.

All Weather HTSA 90 is applied by removing the poly release film and adhering the membrane by direct pressure contact to the desired substrate. Warm weather conditions and exposure to direct sunlight are essential for proper adhesion. Application should be made when ambient temperatures are 50°F (10°C) or higher. Note: Self-adhered membranes will not activate if installed in below recommended temperatures and/or if material temperature is below 70°F (21°C). Deck must be clean, dry and free of voids. Cut All Weather HTSA 90 into manageable lengths before installation. Peel back 1 to 2 feet of the release film and stick the membrane directly over the roof deck or insulation, unroll membrane and realign at opposite end. Once set, the film can be removed. Press membrane into substrate to make full contact. Side laps must be a minimum of 3 inches and end laps a minimum of 6 inches. Underlayment Method: Align membrane with the gutter edge and extend coverage at least 3 feet inside the exterior wall or the highest point of damming. Note: When covering the entire roof deck with All Weather HTSA 90 the roof system must include proper ventilation, including both ridge and soffit venting. All installed All Weather HTSA 90 must be covered and not left exposed for more than 90 days.

Physical Properties	Test	Requirement
Surface Color	Gr	ay
Surface Type	Woven S	Synthetic
Reverse Side Release Surface	Silicon Poly	y Split Film
Weight Per Square	22.5 lbs	
Nail Sealability	ASTM D1970	Pass
Permability	ASTM E96	.015 perms
Nominal Thickness	ASTM D5147	42 mils
Tensile Strength	ASTM D412 C	TBD
Thermal Stability	ASTM D1970	TBD
Elongation	ASTM D412 C	<15%
Low Temp Flexibility	CGSB 73GP56M	No Cracks @-20C
Tear Resistance	ASTM D1970	TBD
Adhesion to Plywood	ASTM D903	60 lbf/ft
Water Absorbtion	ASTM E96	.25%

All Weather HTSA 90 Roll Specifications

Length per roll	66.7' (20.3m)	Rolls per pallet	36
Width per roll	36" (.914m)	Pallet Weight	1,600 lbs
Weight per roll	44 lbs (19.9 kg)	UV Resistance	90 days
Gross roll size	200 sq ft (18.6 sq m)		



All Weather

All Weather NB is a light-weight, synthetic roof underlayment for use under asphalt shingles.

FABRIC SPECIFICATIONS

Weave	Woven, clear PP scrim with non-woven
	top surface
Color	black/grey
Weight	$3.0 \text{ oz/yd}^2 (102\text{g/m}^2) + /-5\%$
	(23 lb per roll)

ROLL SPECIFICATIONS

Thickness 7 mil

Cores	2 inch cardboard
Width	48"
Length	250 ft/roll

ASTM D1777



These values are typical data and are not intended as limiting specifications. While we believe them to be reliable, the statements and information herein is only for general guidance and are not warrants or guarantees for accuracy and compliance. The user must, by test or otherwise determine suitability for this purpose. Our standard terms and conditions of sale apply exclusively to all orders and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No oral warranties are authorized. We reserve the right to make changes without notice or obligation in our products and publications.

Synthetic Nail Base Underlayment

TECHNICAL DATA SHEET

PERFORMANCE PROPERTIES

Values based on ASTM standard test. This data should not be considered specifications.

Grab Tensile	Warp 106 lb/ Weft 108lb
ASTM D5034 Strip Tensile (N/5cm)	Warp 67lb / Weft 54 lb/in
ASTM D 5035 Tensile Elongation	Warp 18%/ Weft 15%
ASTM D 5035 Tongue Tear	Warp 25 lb/Weft 29lb
ASTM D2261 Trapezoidal Tear	Warp30lb / Weft 30lb
ASTM D4533 Mullen Burst	140psi
ASTM D3786 Water Transmission	Pass
ASTM D4869 Moisture Vapor Transmission	0.058 perm (0.401 g/day-m²)
ASTM E96 Pliability	No cracking (pass)
ASTM D146 Water Ponding	No dripping (pass)
CAN/CSA A220.1 Class A Fire Resistance Rating	
ASTM E108	

20 Year Limited Warranty

- Meets ICC-ES AC 188 CCRR-1105
- Meets ASTM D 4869 for type I, II, III, and IV
- Meets ASTM D226 for Type II
- Meets CSA A123.3-05(10) for Type 1,2, and 3

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ALL WEATHER NAIL BASE

Product Data Sheet



All Weather Nail Base is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather Nail Base consists of a fiberglass mat impregnated and coated with Styrene-Butadiene-Styrene (SBS) modified bitumen.



Application Method:

Observe all cautions and warnings when using this product. The deck surface must be clean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should be between 50°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather Nail Base is applied by unrolling and mechanically attaching the membrane to the roof deck. For best results, cut in lengths of 12' to 18' and allow to relax prior to application. Important: This product is intended for mild to warm climates where the daytime and nighttime temperatures are within 30 degrees or less.

Meets ASTM D4601 Type I/II Pro	operty: (avg)	NAIL BASE
Thi	ickness	60 mils
We	eight	82 lbs/roll
Dir	mensions	39 3/8" x 64'5"
Arc	ea (gross)	212 sq ft
Тор	p Surfacing	Film
Bot	ttom Surfacing	Sand
Sel	lvage	2" & 3"

Packaging: Rolls are placed upright on ends on pallets.

The palletized materials are shrink-wrapped.

Number of Rolls per Pallet: 25

Number of Pallets per Truckload: 22

Storage and Handling: All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at a minimum of 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.



ALL WEATHER SA BASE

Product Data Sheet



All Weather SA Base is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather SA Base consists of a fiberglass mat impregnated and coated with Styrene-Butadiene-Styrene (SBS) SA (self-adhesive) modified bitumen.



Application Method:

Observe all cautions and warnings when using this product. The deck surface must be clean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should be between 50°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather SA Base is applied by removing the release films from the bottom a selvage of the membrane then applying to the roofing deck. For best results, cut in lengths of 12' to 18' and allow to relax prior to application.

Important: This product is intended for mild to warm climates where the daytime and nighttime temperatures are within 30 degrees or less.

Meets ASTM D4601 Type I/II	Property: (avg)	SA Base
	Thickness	60 mils
	Weight	75lbs/roll
	Dimensions	39 3/8" x 61'
	Area (gross)	200 sq ft
	Top Surfacing	Film
	Bottom Surfacing	Release Film
	Selvage	2" & 3"

Packaging: Rolls are placed upright on ends on pallets. The palletized materials are shrink-wrapped.

Number of Rolls per Pallet: 25

Number of Pallets per Truckload: 22

Storage and Handling: All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at a minimum of 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

Material Shelf Life: 3 Months from manufacture date.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.



ALL WEATHER SA CAP

Product Data Sheet



All Weather SA Cap is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather SA Cap consists of a fiberglass mat impregnated and coated with Styrene-Butadiene-Styrene (SBS) SA (self-adhesive) modified bitumen.



Application Method:

Observe all cautions and warnings when using this product. The deck surface must be clean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should be between 50°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather SA Cap is applied by removing the release films from the bottom a selvage of the membrane then applying to the roofing deck. For best results, cut in lengths of 12' to 18' and allow to relax prior to application. Important: This product is intended for mild to warm climates where the daytime and nighttime temperatures are within 30 degrees or less.

Meets ASTM D7530	Property: (avg)	SA Cap
	Thickness	120 mils
	Weight	75lbs/roll
	Dimensions	39 3/8" x 32'7"
	Area (gross)	100 sq ft
	Top Surfacing	Mineral Granules
	Bottom Surfacing	Release Film
	Selvage	4"

Packaging: Rolls are placed upright on ends opposite the selvage on pallets. The palletized materials are shrink-wrapped.

Number of Rolls per Pallet: 25

Number of Pallets per Truckload: 22

Storage and Handling: All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at a minimum of 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

Material Shelf Life: 3 months from manufacture date.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.



Note: This Limited Product Warranty is not effective unless properly registered with ALL WEATHER ROOFING PRODUCTS

FIVE YEAR LIMITED PRODUCT WARRANTY

OWNER' NAME		ADDRESS OF OWNER	
NAME AND TYPE OF BUILDING		ADDRESS OF BUILDING	
AREA OF ROOF (SQ. FT.)	FLASHING (LN. FT.)	DESRIPTION OF INSTALLATION	
DATE OF PURCHASE	DATE OF COMPLETION	ROOFING APPLICATOR	PHONE
OWNER' SIGNATURE	DATE	ADDRESS	

All Weather - Qualifying Materials List

All Weather Self-Adhered Granule Cap

- 1. LIMITED PRODUCT REPLACEMENT WARRANTY: All Weather Roofing Products, a Texas corporation, subject to the terms, conditions and limitations set out below, warrants that all All Weather brand products are free from defects in factory workmanship and materials. The term of this warranty is five (5) years from the date of purchases, when used in the United States of America. ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICLLAR PURPOSE, ARE HEREBY LIMITED IN DURATION TO THE SHORTER OF THE WARRANTY PERIOD DESCRIBED ABOVE AND THE TERM PRESCRIBED BY THE STATE WHERE THE PRODUCTS ARE SOLD.
- 2. REGISTRATION INSTRUCTIONS: Your warranty may be registered by sending a signed copy of this limited warranty to All Weather Roofing Products at P.O Box 11740, Fort Worth, TX 76110. After you register your warranty, you will receive a numbered registration card that you should keep with this warranty and your proof of purchase.
- 3. REPORTING CLAIMS: To make a valid claim, you must submit a Notice of Claim to All Weather Roofing Products Customer Service Department within 30 days after the alleged defect is discovered (or in the exercise of reasonable care should have been discovered). The claim form must include proof of purchase (for example, a copy of your purchase receipt) and a description of he problem you are experiencing, together with photographs (preferably digital). Mail the form and attachments to All Weather Roofing Products at P.O Box 11740, Fort Worth, TX 76110. After receiving a properly documented claim, All Weather Roofing Products will promptly investigate and report its findings, conclusions, and plan of action back to you. Notice to the roofing contractor does not constitute to the Company.
- 4. YOUR REMEDY: If a defect covered by this warranty is confirmed, then All Weather Roofing Products will, at its option (and subject to the limitation set out below), either provide you with replacement product of like kind or refund your purchase price for the defective product reduced by twenty percent (20%) of the maximum liability during each year of this limited warranty, less any cost previously incurred by the Company for the refund or replacement during previous years. In no event shall All Weather Roofing Products be liable for a sum greater that the original cost of the material purchase price. If replacement product is provided, the original warranty will apply to the replacement product, for the balance of the term of the warranty. These remedies are your sole and exclusive remedies against All Weather Roofing Products.
- 5. TERMS AND CONDITIONS: All Weather Roofing Products does not have any obligation under this warranty unless ALL of the following have
- occurred:
 a. Within 30 days after date of product purchase, you have registered this warranty with All Weather Roofing Products (see the registration instructions

- a. Within 30 days after date of product purchase, you have registered this warranty with All Weather Roofing Products (see the registration instructions to dut below there is no cost to register).
 b. You give All Weather Roofing Products written notification of your claim in a timely fashion.
 c. The product is installed and maintained in accordance with good roofing practices.
 d. You have removed all standing water, snow, ice and debris; any traffic surfaces or other overburden; as well as any structure placed upon or built over the top of the areas where the allegedly defective products are located.
- 6. EXCLUSIONS AND LIMITATIONS: The maximum liability of All Weather Roofing Products during the life of this warranty is limited to the original purchase price you paid for the products that are the subject of this warranty. This warranty does not cover, and All Weather Roofing Products is not responsible for any of the following:

 a. Defective installation of the products or for any labor costs, overburden removal or replacement, tear-off costs, disposal costs, equipment costs, or other costs incurred for installing or removing defective products, nor for installing replacement products.

 b. Damage caused by natural disasters, including but not limited to lightning, explosion, flood, hall, windstorm, earthquake, hurricane, tornado, microburst, or other similar catastrophic event.

 c. Damage caused by any defect, settlement, distortion, movement, displacement, or structural failure in or of the structure including walls and foundation upon which the product is applied; vandalism; improper installation of insulation or defects or failure of any material used in any non All Weather labeled roof base or insulation.

 d. Damage caused by moisture infiltration or condensation of moisture in, through or around the walls, copings, building structure or underlying or surrounding materials; defects in workmanship or design; non-All Weather materials including, but not limited to metal work, expansion or control

- surrounding materials; defects in workmanship or design; non-All Weather materials including, but not limited to metal work, expansion or control joints, walkways, pitch pockets, flashing materials, and any roof top units and equipment; expansion or contraction of any flashing or metal work; damage from flore or other source of excessive heat; damage from deliberate or negligent acts; damage from energial tack on the membrane as a result of exposure to chemicals, including but not limited to, aliphatic or aromatic solvents, chlorinated hydrocarbons, oils, or any other corrosive chemical; damage from infestation by animals, insects or vegetation; damage caused by or during storage or installation of the product; damage caused after installation of the product; or damage attributable to repairs or additions to or modifications of the structure to which the product is
- Changes in usage of the building contrary to applicable structure usages over which this limited warranty coverage is extended
- Changes in usage of the building contrary to applicable structure usages over which this limited warranty coverage is extended. Damage resulting from any new installations on or through the roofing membrane or flashing or from traffic of any nature on the roof. Any repairs or other applications to the roof membrane or base flashing after the date of completion, unless performed in a manner acceptable to approved by All Weather Roofing Products in writing in advance. Any damage occurring more than thirty (30) days after the discovery of a leak by the Owner or its agent, unless All Weather Roofing Products is notified of such leak within thirty (30) days of the discovery. Areas of roof which pond water.
- h.

IN NO EVENT SHALL ALL WEATHER ROOFING PRODUCTS BE LIABLE TO YOU FOR ANY INDIRECT, CONSEQUENTIAL, INCIDENTAL, OR OTHER SIMILAR DAMAGES, including, for example, injury to or illness or death of persons, damage or destruction of property or equipment, or the presence or growth of mold, mildew or other similar substance. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

7. MODIFICATION

This warranty may only be modified in a written document signed by a corporate officer of All Weather Roofing Products.

8 NOT TRANSFERABLE

6. NOT TRANSPERABLE
This warranty is made only to you and is not transferable or assignable in any manner. Effective as of the date of any transfer of all or any part of your interest in the building to which the products have been installed, even to an affiliate, this warranty, and all of All Weather Roofing Products obligations hereunder, shall immediately and automatically terminate.

- 9. CANCELLATION: CANCELLATION of this LIMITED WARRANTY WILL RESULT IF THE ROOF IS DAMAGED BY any cause listed above as AN EXCLUSION FROM COVERAGE so as to affect the integrity or water tightness of the roof. THIS LIMITED WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER GUARANTEE AND/OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, and of any other obligations or ilability on the part of ALL WEATHER ROOFING PRODUCTS whether any calm against it is based upon STRICT LIABILITY, NEGLIGENCE, BREACH OF WARRANTY OR ANY OTHER THEORY OR CAUSE OF ACTION. In no event shall ALL WEATHER ROOFING PRODUCTS be liable for CONSEQUENTIAL OR INCIDENTAL DAMAGES of any kind, including but not limited to labeled from the contraction of the product o
- 10. GENERAL: This Limited Warranty shall be governed and construed in accordance with the laws of the State of Texas without regard to conflict of laws Owner and All Weather Roofing Products agree that proper venue for legal recourse is in Dallas County in the state of Texas or the United States Distric Court for the Northern District of Texas.
- 11. SEVERABILITY: The terms of this warranty are severable so that any illegal, invalid or unenforceable provision, if feasible, shall be modified so that it becomes legal, valid and enforceable, or if not feasible, stricken, in either case without affecting the validity or enforceability of the remaining provisions.

NOTE: Some states do not allow limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages so the above limitations or exclusions may not apply to you. This limited warranty gives you specific legal rights and you may also have other rights which vary from state to state.

ALL WEATHER SBS #85 GM Fiberglass

Product Data Sheet



All Weather SBS #85 GM Fiberglass is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather SBS #85 GM Fiberglass consists of a fiberglass mat impregnated and coated with Styrene-Butadiene-Styrene (SBS) modified bitumen.



Product Uses:

All Weather SBS #85 GM Fiberglass is the cap ply of multi-ply roof systems or the cap ply in hybrid BUR/modified bitumen assemblies. It is applied with 4-inch side laps and 6-inch end laps.

Application Method:

Observe all cautions and warnings when using this product. The deck surface must be clean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should be between 50°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather SBS #85 GM Fiberglass is applied using hot asphalt or modified bitumen cold adhesive. For best results, cut in lengths of 12' to 18' and allow to relax prior to application. Important: This product is intended for mild to warm climates where the daytime and nighttime temperatures are within 30 degrees or less.

Product Information:

Meets ASTM D3909	Property: (avg)	SBS #85 GM Fiberglass
	Thickness	3.4 mm (135 mils)
	Weight	85lbs/roll
	Dimensions	39 3/8" x 32'9" (1m x 10m)
	Area (gross)	100 sq ft
	Top Surfacing	Mineral granules
	Bottom Surfacing	Sand
	Selvage	4" +/- 0.25"

Packaging: Rolls are placed upright on ends opposite the selvage on pallets. The palletized materials are shrink-wrapped.

Number of Rolls per Pallet: 20

Number of Pallets per Truckload: 22

Storage and Handling: All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at a minimum of 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.



ALL WEATHER SBS 190M

Product Data Sheet



All Weather SBS 190M is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather SBS 190M consists of a tough nonwoven polyester mat impregnated and coated with Styrene-Butadiene-Styrene (SBS) modified bitumen.



Product Uses:

All Weather SBS 190M Granule is the cap ply in hybrid BUR/modified bitumen assemblies. It is applied with 4-inch side laps and 6-inch end laps.

Product Classification:

Meets or exceeds the minimum performance values of ASTM D6164, Type I, Grade G.

Application Method:

Observe all cautions and warnings when using this product. The deck surface must be clean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should be between 50°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather SBS 190M Granule is applied using hot asphalt or modified bitumen cold adhesive.

Property: (avg)	SBS 190M Granule
Thickness	3.5 mm (140 mils)
Weight	98 lbs/roll (44.5 kg/m ²
Dimensions	39 3/8" x 32'9" (1m x 10m)
Area (gross)	100 sq ft
Top Surfacing	Mineral Granules
Bottom Surfacing	Parting Agent
Selvage	4" +/- 0.25"

Packaging: Rolls are placed upright on ends opposite the selvage on pallets. The palletized materials are shrink-wrapped.

Number of Rolls per Pallet: 20

Number of Pallets per Truckload: 22

Storage and Handling: All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at a minimum of 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.



ALL WEATHER APP 190S Smooth

Product Data Sheet



All Weather APP 190S Smooth is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather APP 190S consists of a tough non-woven polyester mat impregnated and coated with Atactic Polypropylene (APP) modified bitumen.



Product Uses:

All Weather APP 190S is the base or interply in multi-ply modified bitumen roof systems or the cap ply in modified bitumen assemblies when coating is additionally applied as a finished surfacing. It is applied with 3-inch side laps and 6-inch end laps. All Weather APP 190S is applied using heat welding (torch) techniques.

Product Classification:

Meets or exceeds the performance values of ASTM D6222 Type I, Grade S.

Application Method:

Observe all cautions and warnings when using this product. The deck surface must be clean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should be between 50°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather APP 190S is applied using heat welding (torch) techniques.

Property: (avg)	APP 190S Smooth
Thickness	3.5 mm (140 mils)
Weight	84lbs/roll
Dimensions	39 3/8" x 32'9" (1m x 10m)
Area (gross)	100 sq ft
Top Surfacing	Talc (smooth)
Bottom Surfacing	PE Film
Selvage	3.25" +/- 0.25"

Packaging: Rolls are placed upright on ends opposite the selvage on pallets. The palleted materials are shrink-wrapped.

Number of Rolls per Pallet: 20 Number of Pallets per Truckload: 22

Storage and Handling: All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.



ALL WEATHER APP #85 GM Fiberglass

Product Data Sheet



All Weather APP #85 GM Fiberglass is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather APP #85 GM Fiberglass consists of a fiberglass mat impregnated and coated with Atactic Polypropylene (APP) modified bitumen.



Product Uses:

All Weather APP #85 GM Fiberglass Granule is the cap ply of multi-ply roof systems or in hybrid BUR/modified bitumen assemblies. It is applied with 3-inch side laps and 6-inch end laps. All Weather APP #85 GM Fiberglass is applied using heat welding (torch) techniques.

Application Method:

Observe all cautions and warnings when using this product. The deck surface must beclean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should bebetween 50°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather APP #85 GM Fiberglass is applied using heat welding (torch) techniques. Important: This product is intended for mild to warm climates where the daytime and nighttime temperatures are within 30 degrees or less. This product is not intended for freeze-thaw climate zones.

Meets ASTM D3909	Property: (avg)	APP #85 GM Fiberglass	
	Thickness	3.4 mm (135 mils)	
	Weight	85lbs/roll	
	Dimensions	39 3/8" x 32'9" (1m x 10m)	
	Area (gross)	100 sq ft	
	Top Surfacing	Mineral Granules	
	Bottom Surfacing	PE Film	
	Selvage	3.25" +/- 0.25"	

Packaging: Rolls are placed upright on ends opposite the selvage on pallets. The palleted materials are shrink-wrapped.

Number of Rolls per Pallet: 20 Number of Pallets per Truckload: 22

Storage and Handling: All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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ALL WEATHER APP 190M

Product Data Sheet



All Weather APP 190M Cap is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather APP 190M consists of a tough non-woven polyester mat impregnated and coated with Atactic Polypropylene (APP) modified bitumen.



Product Uses:

All Weather APP 190M Granule is the cap ply of multi-ply roof systems or in hybrid BUR/modified bitumen assemblies. It is applied with 3-inch side laps and 6-inch end laps. All Weather APP 190M is applied using heat welding (torch) techniques.

Product Classification:

Meets or exceeds the performance values of ASTM D6222 Type I, Grade G.

Application Method:

Observe all cautions and warnings when using this product. The deck surface must be clean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should be between 50°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather APP 190M is applied using heat welding (torch) techniques.

Property: (avg)	APP 190M	
Thickness	4.0 mm (160 mils)	
Weight	98 lbs/roll	
Dimensions	39 3/8" x 32'9" (1mx10m)	
Area (gross)	100 sq ft	
Top Surfacing	Mineral granules	
Bottom Surfacing	PE Film	
Selvage	3.25" +/- 0.25"	

Packaging: Rolls are placed upright on ends opposite the selvage on pallets. The palleted materials are shrink-wrapped.

Number of Rolls per Pallet: 20 Number of Pallets per Truckload: 22

Storage and Handling: All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

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ALL WEATHER LIMITED MATERIAL WARRANTY

Building Name:	
Building Address:	
Building Use:	
Owner's Name:	
Owner's Address:	
Owner's Signature:	Date:
-	Date:
Contractor's Name:	
Contractor's Address:	
	Job Completion Date:
Distributor:	

All Weather Membrane Qualifying Materials List

ALL WEATHER PRODUCT	Qualifying Term	Number of Rolls	Unit Cost (Distributor Price)
All Weather APP 190 Granule Modified Bitumen	12 Years		
All Weather APP 190 Smooth Modified Bitumen (requires coating)	12 Years		
All Weather APP 190 Smooth Modified Bitumen (not coated)	5 Years		
All Weather SBS 190 Granule Modified Bitumen	12 Years		
All Weather SBS Glass Cap Modified Bitumen	10 Years		
All Weather APP Glass Cap Modified Bitumen	5 Years		

TO VALIDATE THIS LIMITED WARRANTY, COMPLETE THIS FORM AND MAIL WITH A COPY OF THE DISTRIBUTOR'S INVOICE WITHIN 30 DAYS OF JOB COMPLETION TO: ALL WEATHER ROOFING PRODUCTS, P.O. BOX 11740 FT. WORTH, TX 76110

All Weather Roofing Products warrants to the original owner that subject to the conditions, limitations and exclusions of this limited warranty which are stated herein, that during a period of five (5), ten (10), or twelve (12) years from the date of job completion, All Weather Roofing Products will replace any All Weather roof membrane and membrane flashing materials (the "All Weather Materials") necessary to correct any roof leak(s) that develop in the warranted All Weather Materials that are caused by ordinary wear and tear by the elements or manufacturing defects. All Weather Roofing Products will not be responsible for labor or any other costs to repair, replace or install any non All Weather materials. All Weather Roofing Products cost of replacement, with respect to the Materials will be limited as follows:

- Any All Weather Materials requiring replacement in the first year of this Warranty will be replaced at All Weather's expense.
- Any All Weather Materials requiring replacement in years 2 through 12 will be replaced partially at All Weather's expense at a rate pro rated by months of use.

This Limited Warranty will be subject to the following additional terms, conditions and limitations:

A. NOTICE OF CLAIM - Any claim hereunder will be deemed waived unless Owner provides All Weather Roofing Products with written notice thereof within 30 days after a leak is discovered or should by reasonable diligence have been discovered.

B. EXCLUSIONS FROM COVERAGE - This Limited Warranty does NOT cover loss of watertightness caused by any of the following occurrences (or any other occurrence beyond the control of All Weather Roofing Products):

- Defects or damage from workmanship in applying membrane, base
- flashings or any other component.

 2. Damage resulting from any materials used in conjunction with the All Weather Materials.
- 3. Damage to the materials caused by any deliberate or negligent act in maintaining the roof or abuse or abnormal use of the roof.
- Roof maintenance or correction of conditions other than leaks. Natural disasters, including but not limited to, windstorms, hail, floods,
- hurricanes, lightning, tornadoes, and earthquakes.

 6. Damage due to settlement, distortion, failure or cracking of the roof deck, walls or foundations of the building; vandalism; improper installation of insulation or defects or failure of any material used in any roof base or insulation; infiltration or condensation of moisture in, through or around the walls, copings, building structure or underlying or surrounding materials; defects in workmanship or design; or other materials including, but not limited to metal work, expansion or control joints, walkways, pitch pockets, flashing materials, and any roof top units and equipment; expansion or contraction of any flashing or metal work; applications of roofing materials not in conformity with All Weather Roofing Products specifications at the time of installation; where underlying materials or structures have failed or ceased to conform to All Weather specifications or requirements; chemical attack on the membrane as a result of exposure to chemicals, including but not limited to, aliphatic or aromatic solvents, chlorinated hydrocarbons, oils, or any other corrosive chemical.
- 7. Changes in usage of the building contrary to applicable structure usages over which this limited warranty coverage is extended.

 8. Damage resulting from any new installations on or through the roofing
- membrane or flashing or from traffic of any nature on the roof.

 9. Any repairs or other applications to the roof membrane or base flashing
- after the date of completion, unless performed in a manner acceptable to and approved by All Weather Roofing Products in writing in
- 10. Any damage occurring more than thirty (30) days after the discovery of a leak by the Owner or its agent, unless All Weather is notified of such leak within thirty (30) days of the discovery.

11. Areas of roof which pond water or other conditions resulting from

improper drainage.

No representative, employee, or agent of All Weather, or any other person, has any authority to assume for the Company any additional or other liability or responsibility. The Company shall not be responsible for or liable for any change and/or amendment to the All Weather roof specifications in regard to the construction of the roof described above, unless the change and/or amendment to the specifications are approved in writing by All Weather Roofing Products

C. STATEMENT OF LIABILITY - U.S. Ply, Inc. (dba) All Weather Roofing Products sole responsibility for breach of this limited warranty is the replacement, of that portion of the All Weather materials that contain manufacturing defects or deterioration caused by ordinary wear and tear by the elements that have resulted in a roof leak. Repair or replacement of the deck or other materials used in conjunction with the roofing system is NOT included. The Company's maximum liability for cost of repairs or replacement during the first year after completion is the original cost of the All Weather materials only. After the first year, the Company's MAXIMUM LIABILITY is limited to the original cost of the All Weather materials used on the roof reduced by the applicable annual percentage (8.33%, 10% or 20%) of service to the term of warranty of the maximum liability during each month of this limited warranty, less any costs previously incurred by the Company for the repair or replacement during previous years. In no event shall All Weather Roofing Products be liable for a sum greater that the maximum liability of this limited warranty or for more than five (5) times the proportional cost paid to the Company for the All Weather materials installed on the affected portion of this roof, whichever is less. It shall be a condition to the liability of All Weather Roofing Products hereunder that All Weather has access to the roof during business hours throughout the term of the Warranty. This Warranty will be subject to all Material costs being paid.

D. OWNER RESPONSIBILITIES - The owner must mail the attached warranty registration card within thirty (30) days of completion of the roof warranty tegistation card within minty (30) days of completion of the foot for this limited warranty to be effective. In the event of a leak resulting from a manufacturing defect or ordinary wear and tear by the elements, the building owner must notify the All Weather Roofing Products located at P.O. Box 11740 Fort Worth, TX 76110 in writing within thirty (30) days after discovery of the leak. Owner acknowledges and agrees that, in the event Owner files a Notice of Claim that requires an inspection by All Weather personnel and such Claim is not covered by this Limited Warranty, Owner shall reimburse All Weather for any and all expenses incurred by All Weather in connection with such inspection.

E. NON-ASSIGNABILITY - This limited warranty shall only be E. NON-ASSIGNABILITY - This limited warranty shall only be applicable to and benefit the original owner named above and is NOT TRANSFERABLE OR ASSIGNABLE in any manner.

THIS LIMITED WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, and of any other obligations or liability on the part of ALL WEATHER ROOFING PRODUCTS whether any chira grains it is bread warp STRICT PRODUCTS whether any claim against it is based upon STRICT LIABILITY, NEGLIGENCE, BREACH OF WARRANTY OR ANY OTHER THEORY OR CAUSE OF ACTION. In no event shall All Weather Roofing Products be liable for CONSEQUENTIAL OR INCIDENTAL DAMAGES of any kind, including but not limited to interior damage.

NOTE: Some states do not allow limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages so the above limitations or exclusions may not apply to you. This limited warranty gives you specific legal rights and you may also have other rights which vary from state to state. All Weather Roofing Products is a business unit of U.S. Ply, Inc.

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